

In the Claims:

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Please amend claims 1-4 as follows.

1. (Amended Once) An apparatus for performing dequantization of an encoded video data stream, comprising:

means for receiving a quantization matrix corresponding to the encoded video data stream;

means for receiving a scale representing a compression ratio of the encoded video data stream;

means for receiving non-zero IDCT coefficient matrix corresponding to a block of the encoded video data;

means for multiplying a [diagonal] cosine matrix and the standard quantization matrix to create a modified standard quantization matrix; and

means for multiplying the scale, the non-zero IDCT coefficient matrix and the modified standard quantization matrix.

2. (Amended Once) An apparatus for performing dequantization of an encoded video data stream, comprising:

means for receiving a modified standard quantization matrix, the modified standard quantization matrix being a product of a standard quantization matrix corresponding to the encoded video data stream and a [diagonal] cosine matrix.

means for receiving a scale representing a compression ratio of the encoded video data stream;

means for receiving non-zero IDCT coefficient matrix corresponding to a block of the encoded video data;

means for multiplying the scale, the non-zero IDCT coefficient matrix and the modified standard quantization matrix.

3. (Amended Once) A method for performing dequantization of an encoded video data stream, comprising the following steps:

receiving a quantization matrix corresponding to the encoded video data stream;

receiving a scale representing a compression ratio of the encoded video data stream;

receiving non-zero IDCT coefficient matrix corresponding to a block of the encoded video data;

multiplying a [diagonal] cosine matrix and the standard quantization matrix to create a modified standard quantization matrix; and

multiplying the scale, the non-zero IDCT coefficient matrix and the modified standard quantization matrix.

4. (Amended Once) A method for performing dequantization of an encoded video data stream, comprising:

receiving a modified standard quantization matrix, the modified standard quantization matrix being a product of a standard quantization matrix corresponding to the encoded video data stream and a [diagonal] cosine matrix.

receiving a scale representing a compression ratio of the encoded video data
stream;

receiving non-zero IDCT coefficient matrix corresponding to a block of the
encoded video data;

multiplying the scale, the non-zero IDCT coefficient matrix and the modified
standard quantization matrix.

Kindly cancel claims 5-23.